



COMPREHENSIVE SITE ASSESSMENT WORKPLAN MODIFICATIONS
CASE NO. 94-1251-HA
Upper Crossroads Exxon
2800 Fallston Road
Fallston, MD

These modifications are being made to the Comprehensive Site Assessment Workplan submitted to the department on 14 July 2004. The modifications include logistics for controlling site access during workplan implementation, clarifications for handling of drill cuttings and purge/development water generated during drilling activities, and procedures that will be implemented to disinfect select domestic/supply wells utilized for investigative purposes.

Site access during implementation of the Workplan will consist of a clearly defined work zone marked by traffic cones and caution tape. No person shall enter the work zone without wearing the proper PPE and without full review and acknowledgement of the Health & Safety Plan. The GES employee on site will act as the on-site coordinator and will be responsible for controlling site access during implementation of the Workplan.

Drill cuttings and purge water will be containerized. Drill cuttings will be stored in a roll-off container located on the Exxon Service Station property. At the end of each day, drill cuttings will be transported to the Exxon property and stored in the roll-off container. The container will have a cover to protect cuttings from atmospheric precipitation. All drill cuttings will be properly characterized and transported to an approved off-site disposal facility.

Purge water from groundwater monitoring well development will be containerized and moved to the Exxon Service Station. Development water will be treated on site or removed via vacuum trucks to an approved disposal facility. This determination (on-site vs. off-site treatment) will be made upon receipt of the laboratory data characterizing the purge water.

Decontamination of geophysical testing, packer testing and pumping equipment will utilize a steam cleaner with portable water source prior to placing down-hole equipment into existing wells. Geophysical and sampling equipment will be decontaminated before and after each use. Water used for decontamination will be collected and stored on site in the same manner as purge water.



Groundwater & Environmental Services, Inc. will utilize Earth Data, Inc. as the geophysical subcontractor for this investigation. Attached are Earth Data's standard operating procedures for the decontamination of the geophysical equipment for the Upper Cross Roads location.

Domestic/supply wells will be chlorinated by adding time-released chlorine tablets to wells used in the geophysical investigation. The wells will be brought back on-line after chlorination is complete.